IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. Claim 11 has been amended. No claims have been canceled. Claims 21-24 have been added.

1. (Original) A method of serving web pages from a server, said method comprising:

accepting a request from a client computer system, said request specifying an

address of a requested web page file;

executing a program that manipulates an in-memory representation of said requested

web page file to create a manipulated in-memory representation of said requested

web page that contains dynamic content;

calling a routine that generates a markup language document from said manipulated

in- memory representation of said requested web page file; and

returning said markup language document to said client computer system.

2. (Original) The method of serving web pages as claimed in claim 1 further

comprising:

determining if said requested web page file is current.

3. (Original) The method of serving web pages as claimed in claim 2 further

comprising:

creating a new in-memory representation of a new version of said requested web

page file if said requested web page file is not current.

4. (Original) The method of serving web pages as claimed in claim 2 further

comprising:

automatically generating a new in-memory representation of said requested web page

file when said requested web page file is modified.

5. (Original) The method of serving web pages as claimed in claim 1 wherein said in-

memory representation of said requested web page file comprises a Document

Object Model representation.

6. (Original) The method of serving web pages as claimed in claim 1 wherein said

program that manipulates an in-memory representation of said requested web

page file comprises Java code.

7. (Original) The method of serving web pages as claimed in claim 1 wherein said

program that manipulates an in-memory representation of said requested web

page file performs the steps of:

automatically generating a new in-memory representation of said requested web page

file when said requested web page file is modified; and

generating a clone of said new in-memory representation of said requested web page

file.

8. (Original) The method of serving web pages as claimed in claim 1 wherein said

program that manipulates an in-memory representation of said requested web

page file performs the steps of:

locating an identifier of a dynamic element to change within said in-memory

representation of said requested web page file; and

changing said dynamic element in said in-memory representation of said requested

web page file.

9. (Original) A method of serving web pages from a server, said method comprising:

creating a modified mark-up language file for representing a web page appearance,

said modified mark-up language file containing embedded identifier tags for

identifying locations for dynamic content;

creating interactive program functions for generating dynamic content, said interactive

program functions for modifying sections of said in-memory representation of said

mark-up language file associated with said identifier tags identifying locations for

dynamic content; and

deploying said modified mark-up language file and said interactive program functions

to a server system wherein said server system that creates an in-memory

representation of said mark-up language file, executes said interactive program

functions to manipulate said in-memory representation of said mark-up language

file to create a manipulated in-memory representation of said mark-up language

file, and generates a web page from said manipulated in-memory representation of

said mark-up language file.

10. (Original) The method of serving web pages as claimed in claim 9 wherein said server system further determines if said modified mark-up language file is current.

11. (Currently Amended) The method of serving web pages as claimed in claim 10 wherein said server system creates a new in-memory representation of a new version of said modified mark- up language file if said modified mark-up language file is not current.

12. (Original) The method of serving web pages as claimed in claim 10 wherein said server system automatically generates a new in-memory representation of said modified mark-up language file when said modified mark-up language file is modified.

13. (Original) The method of serving web pages as claimed in claim 9 wherein said in-memory representation of said modified mark-up language file comprises a Document Object Model representation.

14. (Original) The method of serving web pages as claimed in claim 9 wherein said interactive program functions comprise Java code.

15. (Original) The method of serving web pages as claimed in claim 9 wherein said interactive program functions perform the steps of:

automatically generating a new in-memory representation of said modified mark-up

language file when said modified mark-up language file is modified; and

generating a clone of said new in-memory representation of said modified mark-up

language file.

16. (Previously Presented) The method of serving web pages as claimed in 9 wherein

said interactive program functions perform the steps of:

locating an identifier of a dynamic element to change within said in-memory

representation of said modified mark-up language file; and

changing said dynamic element in said in-memory representation of said modified

mark- up language file.

17. (Original) A computer server system for serving web pages, said computer server

system comprising:

a network connection to a computer network;

a dynamic content program for manipulating an in-memory representation of a web

page file to create a manipulated in-memory representation of said web page file

that contains dynamic content; and

a web server program, said web server program accepting a request from a client

computer system through said network connection, said request specifying an

address of said web page file, said web server program executing said dynamic

content program to create said manipulated in-memory representation of said web

page file, and said web server program returning a markup language document

generated from said manipulated in-memory representation of said web page file to said client computer system.

18. (Original) The computer server system as claimed in claim 17 wherein said web server program determines if said web page file is current.

19. (Original) The computer server system as claimed in claim 17 wherein said in-memory representation of said web page file comprises a Document Object Model representation.

20. (Original) The computer server system as claimed in claim 17 wherein said dynamic content program that manipulates said in-memory representation of said web page file locates an identifier of a dynamic element to change within said in-memory representation of said requested web page file and changes said dynamic element in said in-memory representation of said requested web page file.

21. (New) A method of generating a dynamic content web page, comprising:
applying at least one dynamic content identifier to a markup language file; and
executing a program to generate dynamic content at a portion of the markup language file identified with the at least one dynamic content identifier, wherein the executing is performed without compiling the markup language file having the at least one dynamic content identifier.

22.   (New) The method of claim 21, further comprising verifying, by the program, that

the at least one dynamic content identifier can be located within the markup

language file prior to the executing.

23.   (New) A machine-readable medium having instructions to cause a machine to

perform a machine-implemented method of generating a dynamic content web

page, comprising:

applying at least one dynamic content identifier to a markup language file; and

executing a program to generate dynamic content at a portion of the markup language

file identified with the at least one dynamic content identifier, wherein the executing

is performed without compiling the markup language file having the at least one

dynamic content identifier.

24.   (New) The machine-readable medium of claim 23, further comprising verifying,

by the program, that the at least one dynamic content identifier can be located

within the markup language file prior to the executing.